

No *Merline*, nor *Mercurie*;

But

A new *Almanack* after the old fashion,
for the year of our Redemption,

1647.

Delivering exactly the Eclipses, Lunations,
Quarterly ingresses, and other congresses and con-
figurations of the celestiaall bodies, with their
effects probably to happen on this
Planet (the Earth.)

Wherin likewise a few of the many grosse errors and imper-
tinences of Mr. *William Lilly* are plainly discovered, mo-
destly refuted, and the Author vindicated from
his former Aspersions.

Calculated exactly for the Honourable City of York.

Whose } Latitude is 54. degrees 10. minutes.
} Longitude is 23. degrees 30. minutes.

By GEORGE WHARTON
Student in Astronomy.

invenit vulnere Virtus.

Printed Anno Dom. 1647.

A perfect Table of the 4. Terms and their
returns, with the Effoine dayes, dayes of
Exception, *Returna Brevium*,
and dayes of Appearance
for this yeare,

1647.

Hilary Term begins January 23 ends February 12

Return dayes, or dayes of Effoine	Dayes of Ex- ception	<i>Returna</i> <i>Brevium</i>	Dayes of Appearance
<i>Octab. Hilary.</i> Jan. 20	January 21	January 22	January 23
<i>Quind Hilary.</i> Jan. 2	January 28	January 29	January 30
<i>Craft. Purif.</i> Febr. 3	February 4	February 5	February 6
<i>Octab Purif.</i> Febr. 9	February 10	February 11	February 12

Easter Term begins May 5 ends May 31

<i>Quind. Pasch.</i> May 3	May 4	May 5	May 6
<i>Tres Pasch.</i> May 10	May 11	May 12	May 12
<i>Mens. Pasch.</i> May 17	May 18	May 19	May 20
<i>Quin. Pasch.</i> May 24	May 25	May 26	May 28
<i>Craft Ascen.</i> May 21	May 22	May 31	May 31

Trinitie Term begins June 18 ends July 7

<i>Craft. Trinit.</i> June 14	June 15	June 16	June 17
<i>Octab. Trinit</i> June 21	June 22	June 23	June 25
<i>Quind. Trinit.</i> June 28	June 30	June 30	July 1
<i>Tres Trinitat.</i> July 5	July 6	July 7	July 8

Michaelmasse Term begins October 23 ends November 19

<i>Tres Mich.</i> Octob. 20	October 21	October 22	October 23
<i>Mens Mich.</i> Octob. 27	October 29	October 29	October 30
<i>Craft. Anim.</i> Novem. 3	Novemb. 4	Novem. 5	Novem. 6
<i>Craft. Mart.</i> Nov. 12	Novemb. 13	Novem. 15	Novem. 15
<i>Octab. Mart.</i> Nov. 18	Novem. 19	Novem. 20	Novem. 22
<i>Quind. Mart.</i> Nov. 15	Novem. 26	Novem. 27	Novem. 29

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Ordinary and vulgar Observations.

The <i>Julian, Sefoginian,</i> or <i>English</i> account for this present year	The <i>Lilian, Gregorian,</i> or <i>Romish</i> account for this present year
1647.	1647.

The Golden number	14	<i>Aureus numerus</i>	14
The circle of the Sun	4	<i>Cyclus Solaris</i>	4
The Dominicall letter	C	<i>Litera Dominicalis,</i>	F
The Roman Indiction	6	<i>Indictio Romana</i>	15
The Epact	4	<i>Epacta</i>	24
From Chrif-maffe day to Shrove-funnday, is 9 weeks and 2 dayes		<i>Intervallum inter natalem Do- mini, & Quinquagefimam</i> <i>cominet 9 Hebd. 5 dies</i>	
From Trinitie-funday to Ad- vent-funday, is 23 weeks		<i>Numerus Hebdomadarum inter</i> <i>Fefum Trinitatis, & Domi- nicam Adventus est 23</i>	
First funday in Lent, May	7	<i>Quadragefima Mar.</i>	10
Eafter-day, April	18	<i>Dominica Pafche Apr.</i>	11
Alcention day, May	27	<i>Ascenfio Dom. May</i>	30
Whit-funday, June	6	<i>Pentecofte Junii</i>	
Advent-funday, November	28	<i>Dominica Advent. Decim.</i>	1

CHARLES our gracious King began his Reign
over Great Britain the 27 of March com-
pleat 1625 and hath reigned 22 years compleat
the 26 of March this year 1647, but the 27 is
Initium anni Regni 23.

Ember weeks	March 10. 12. 13.	September 15. 17. 18.
	June 9. 11. 12.	December 15. 17. 18.
	A 2	The

The contents of the severall Columnes in the following Kalendar.

IN the first, you have the dayes of the Moneth.

In the second, the dayes of the week.

In the third, the beginning and ending of the 4 Terms, the moveable and fixed Feasts, and the names of divers old Saints, all which are recorded to good and profitable purpose, as the *Annuntiation of our Lady*, the *Nativity of our Saviour*, and the like, which are appointed by the Church to be kept holy: others (such as *Cuthbert*, *Maryn*, *Helary*, *Thomas Becket*, &c.) because the principal Marts and Fairs kept here in *England*, are by them distinguished, and the dates of old Evidences thereby the better discovered, and not for any superstitious use, as the ignorant would have it.

In the fourth, the signe that the Moon is under for every day.

In the fifth, the time of Sun-rising at *York*.

In the sixth, the time of Sun-setting there.

In the seventh, the most notable Aspects of the Planets.

Here note that according to the common consent of all Astronomers, the Day-light sheweth not in at *York* at all, but is perpetual Day-light from the 4 day of *May*, untill the 19 day of *July*. And in the shortest day in Winter, when the Sunn entereth into *Capricorn*, the day doth break a quarter of an houre past 6 in the morning, and sheweth in a quarter before 6 at night; which 6 ho. 15 min. being deducted from 8 ho. 29m at which time the Sun riseth at *York* there remaineth 2 ho. 14 min. for the length of twilight before Sun-rising at *York*; where as at *London* the day breaks at 6 a clock 8 m. and riseth at 8. 13 min. So the space betwixt Day-break and Sun-rising at *London* is 9 m. 13 min. less than at *York*. So that although the shortest day at *London* be longer than at *York* by 3 min. betwixt Sun-rising and Sunne-setting, yet betwixt day-break in the morning, at twilight at night, it is but 14 minutes longer. He that desireth demonstration of these things, let him consult with *Clavius*, *Meius*, and others, and with *Petrus Nonius*, who hath of purpose forth a book *De crepusculis*, where he shall be satisfied.

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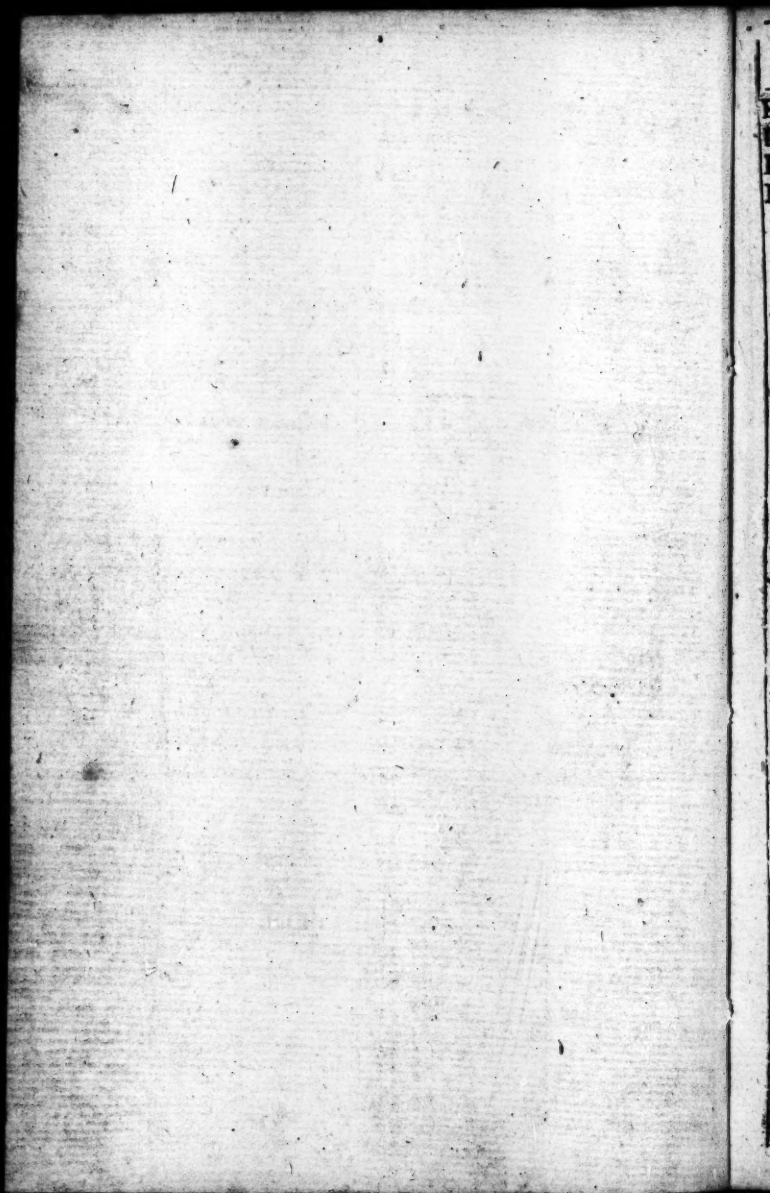
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January hath xxxi. dayes.

First quarter the 4 day; at 2 and 5 minutes in the morning

Full Moon the 10 day, at 9 and 32 m. at night

Last quarter 17 day at 4 and 17 m. afternoon

New Moon 25 at 8 and 44 m. afternoon.

A visible

Eclipse of

the Moon

1	a	New-years day	pisc	8	1	3	43	7	Star. in ϕ & ψ here
2	b	Abil St.	Ari	8	1	3	44		
3	c	Enoch	ari	8	15	3	4	h	Star. in Δ & ϕ
4	d	Mathus	ari	8	13	1	47	7	ϕ
5	e	Simson	taur	8	12	3	48		The beginning of this
6	f	Epiphany	taur	8	11	3	49		moneth, will be very
7	g	Julianus	gem	8	5	1	51		moist and windie
8	a	Erhard	gem	8	1	1	52	ϕ & ψ	
9	b	Marcell.	can	8	7	1	53	ϕ & ψ	
10	c	Decol. Gul.	can	8	5	3	55	ϕ	in Aquar. ϕ & ψ
11	d	Laud, Arch.	leo	8	4	3	56	ϕ	Perig. & Belip.
12	e	Cantaur.	leo	8	2	3	58	Si	aura fuerit defecata,
13	f		ϕ & ψ					U	hec Eclipsis nobis ϕ & ψ
14	g	Felte	virg	7	5	8	4	2	paus ab initio ad finem
15	a	Manrus	lib	7	5	6	4	4	usque erit conspicua
16	b	Marcell	libr	7	5	4	4	6	ϕ & ψ
17	c	2 Sun. af. Epi.	cor	7	5	1	4	8	ϕ & ψ
18	d	Patka	cor	7	5	0	4	10	From the tenth day un-
19	e	Pontian.	sag	7	4	8	4	12	till the end of this
20	f	Fab. Seb.	sag	7	4	6	4	14	moneth you may expect
21	g	Igneta	sag	7	4	4	4	16	ϕ & ψ troubled air
22	a	Vincent.	capr	7	4	2	4	18	much rain or snow with
23	b	Term begins	capr	7	4	0	4	20	strong impetuous wind.
24	c	1 Sun af. Epi.	aqu	7	3	8	4	22	ϕ & ψ 9th. ϕ & ψ Apog.
25	d	Cont. Paul	equ	7	3	7	4	23	
26	e	Holycar.	equ	7	3	6	4	24	
27	f	Chryso.	pisc	7	3	4	4	27	
28	g	Caro. M.	pisc	7	3	3	4	29	
29	a	Samuel	aris	7	3	1	4	26	
30	b	Wappol.	aris	7	2	9	4	31	
31	c	4 Sun. after Ep.	aris	7	2	7	4	22	

February hath xxviii. dayes.

First quarter the 2 day, at 3 and 37 minutes in the afternoon
 Full moon the 9 day, at 7 and 47 minutes in the morning
 Last quarter the 16 d. y, at 7 and 49 minutes in the morning
 New moon the 24 day, 57 minutes after high noon.

1	Bridget Fast	taur	7	25	4	35	♂ ♂ ♀	Fierce winds
2	Prisc. Mar.	taur	7	23	4	37		bringing rain.
3	Blasius	gem	7	21	4	39		
4	Ceronic.	gem	7	19	4	41		
5	Agatha	can	7	16	4	44	Digr. ma. ♀ ♂ ♀	
6	Dorothea	can	7	14	4	46	♂ ☉ ♀	Fair and tem-
7	Sun. af. Epi.	leo	7	12	4	48	perate.	
8	Salom.	leo	7	10	4	50	♂ ☿	
9	Apollon.	virg	7	8	4	52		
10	Scholast.	virg	7	6	4	54		The latter half of this
11	Cyprio.	libr	7	4	4	56		moneth will be very rainy,
12	Termin.	libr	7	2	4	58		and much unwholsome
13	Agabus	scor	7	0	5	0		weather will infect us
14	Septuagesima	scor	6	58	5	2		especially about the 16
15	Faustine	scor	6	56	5	4		18. 21. 23 and 27
16	Juliana	sag	6	53	5	7	☐. ♀	dayes Dul-
17	Constan.	tag	6	5	5	9	* ♀	ce & de-
18	Concordia	capr	6	4	5	11		corum est pro patria
19	Sim. Ap.	capr	6	47	5	13		mori.
20	Euchar.	capr	6	45	5	15		
21	Sexagesima	aqu	6	43	5	17	* ☉ ♀	Apog.
22	Cath. P.	aqu	6	41	5	19		
23	Heren. Fast	pisc	6	39	5	21	♂	Stat.
24	Matthias Ap.	pisc	6	37	5	23		
25	Victori	pisc	6	34	5	26		
26	Nestor	arie	6	31	5	29		
27	Fortuna	arie	6	28	5	32	Δ ♂	
28	Quinquages.	taur	6	26	5	34		

Fixed and moveable The Sun Sun The mutuell Aspects of the Pla-
 Feasts, old Saints moon rising setting riers, with the naturall inclination
 names, &c. place. at at of the Air, &c.
 York, York.

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March hath xxxi. dayes.

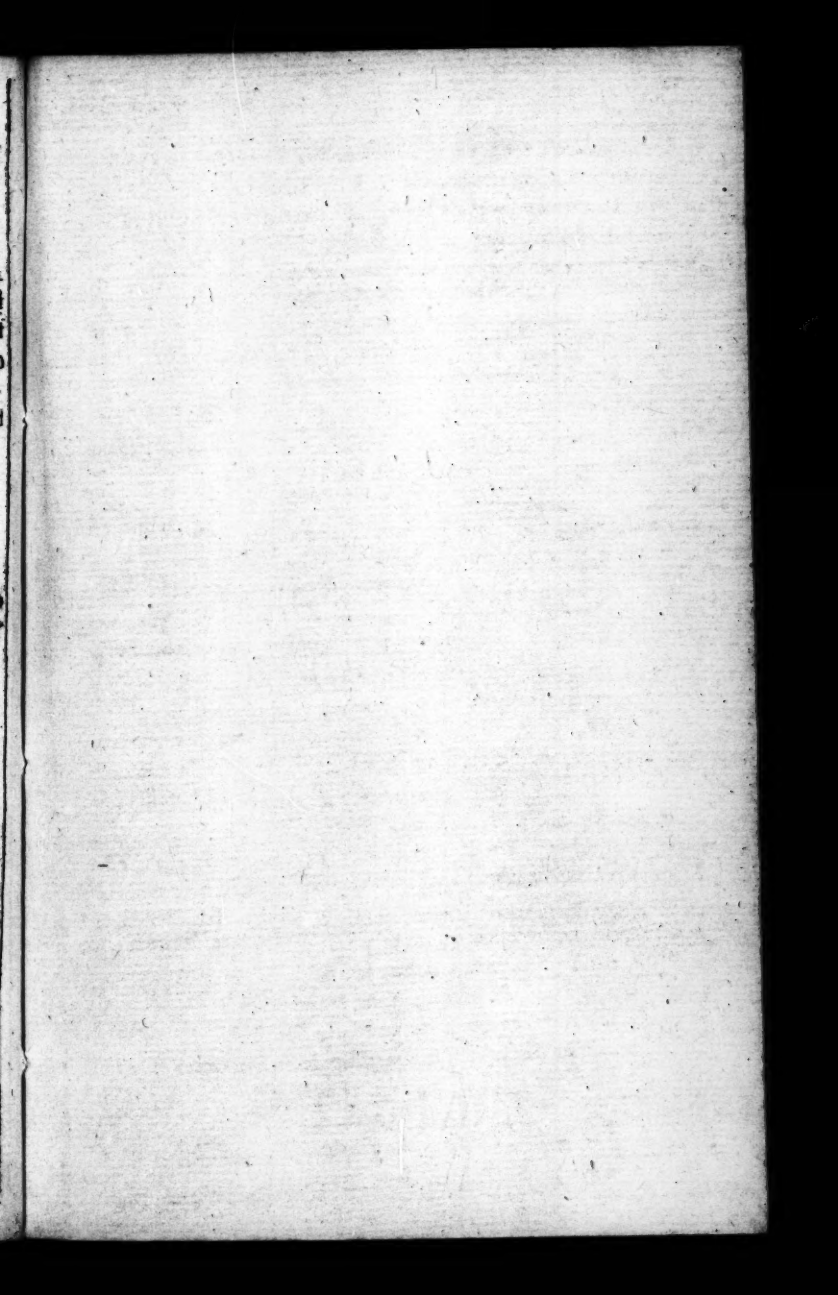
First quarter the 4 day, at 1 and 39 minutes in the morning
 Full moon the 10 day, at 5 and 49 minutes in the afternoon.
 Last quarter the 18 da, at 2 and 7 minutes in the morning
 New moon the 26 day at 4 and 22 minutes in the morning

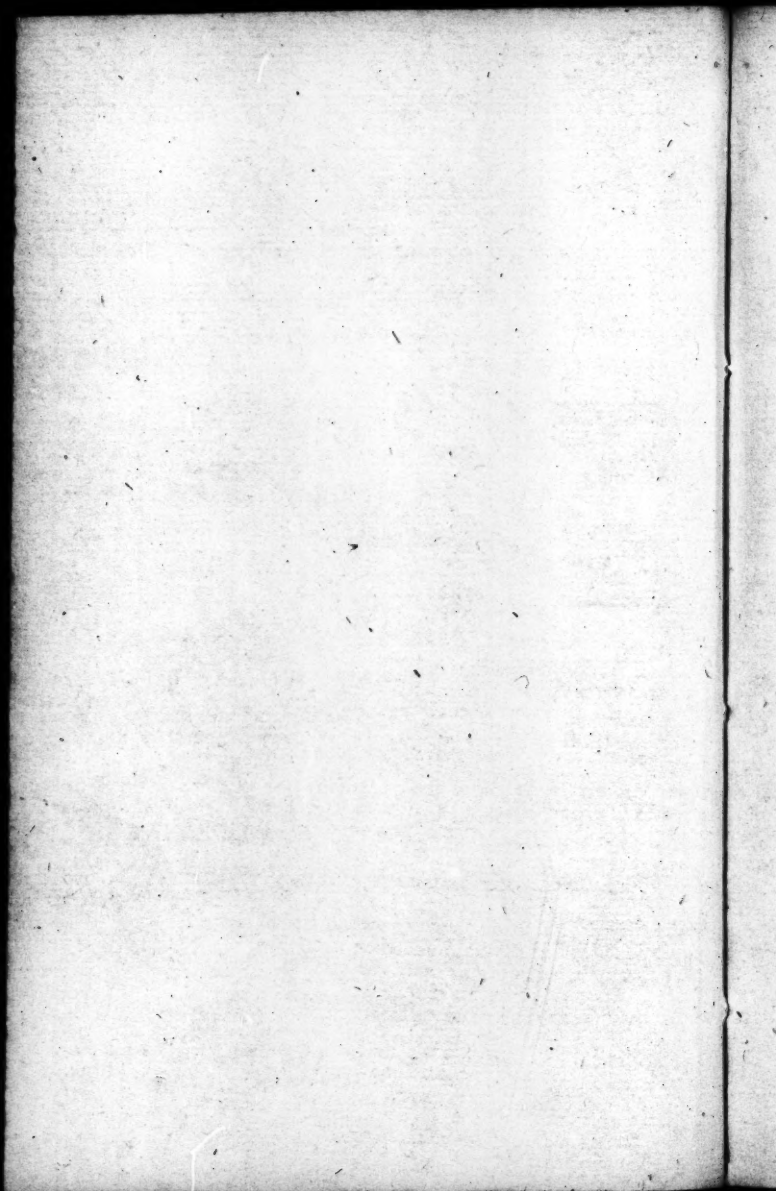
1	d David	taur 6 23 5 37	This moneth beginneth
2	e Shrove-tuesday	gem 6 21 5 39	very seasonably and so
3	f Ashwednesday	gem 6 18 5 42	Δ ♀ continueth
4	g Adrian	gem 5 15 5 45	until the 20 day, af.
5	h Eusebins	can 6 13 5 47	Δ ☉ ♂ ter which
6	i Frederic.	can 6 10 5 50	time the Air will be
7	C Quadragesima	leo 6 8 5 52	thick and cloudie incli-
8	d Cyprian	leo 6 6 5 54	* h ♀ ning to
9	e Prudent	virg 6 3 5 57	Δ ☉ ♀ snow or
10	f Sun in Aries	virg 6 0 6	rain, and probably some
11	g Cuniber	libr 5 58 6	2 thunder and lightning
12	a Gregorie	libr 5 55 6	5 about the 23 day
13	b Ernestus	scor 5 53 6	7
14	C 1 Sunday Lent	scor 5 51 6	9 Δ ♂ ♀
15	d Longin.	sag 5 49 6	11
16	e Cyriacus	sag 5 47 6	13 ♀ Star. prop. ♂ &
17	f Gertrude	capr 5 45 6	15 in Δ ♀ Δ ♀ ♀
18	g Gabriel	capr 5 43 6	17
19	a Joseph	capr 5 41 6	19
20	b Rupert	aqu 5 39 6	21
21	C 3 Sunday Lent	aqu 5 37 6	23 ☾ Apog.
22	d Bonitus	aqu 5 35 6	25
23	e Gotfrid.	pisc 5 23 6	17 ♀ ♀ Quid agitur
24	f Anirinus	pisc 5 31 6	19 in Scotia?
25	g Annun. Mary	arie 5 29 6	31
26	a Calulus	arie 5 27 6	33 □ ♀ ♀
27	b Inu. R. Car.	taur 5 25 6	35
28	C 4 Sunday Lent	taur 5 23 6	37 □ ♂ ♀
29	d Eustachius	taur 5 21 6	39
30	e Guido	gem 5 19 6	41 □ ♀ ♀
31	f Baltina	gem 5 17 6	43 □ ♂ ♀

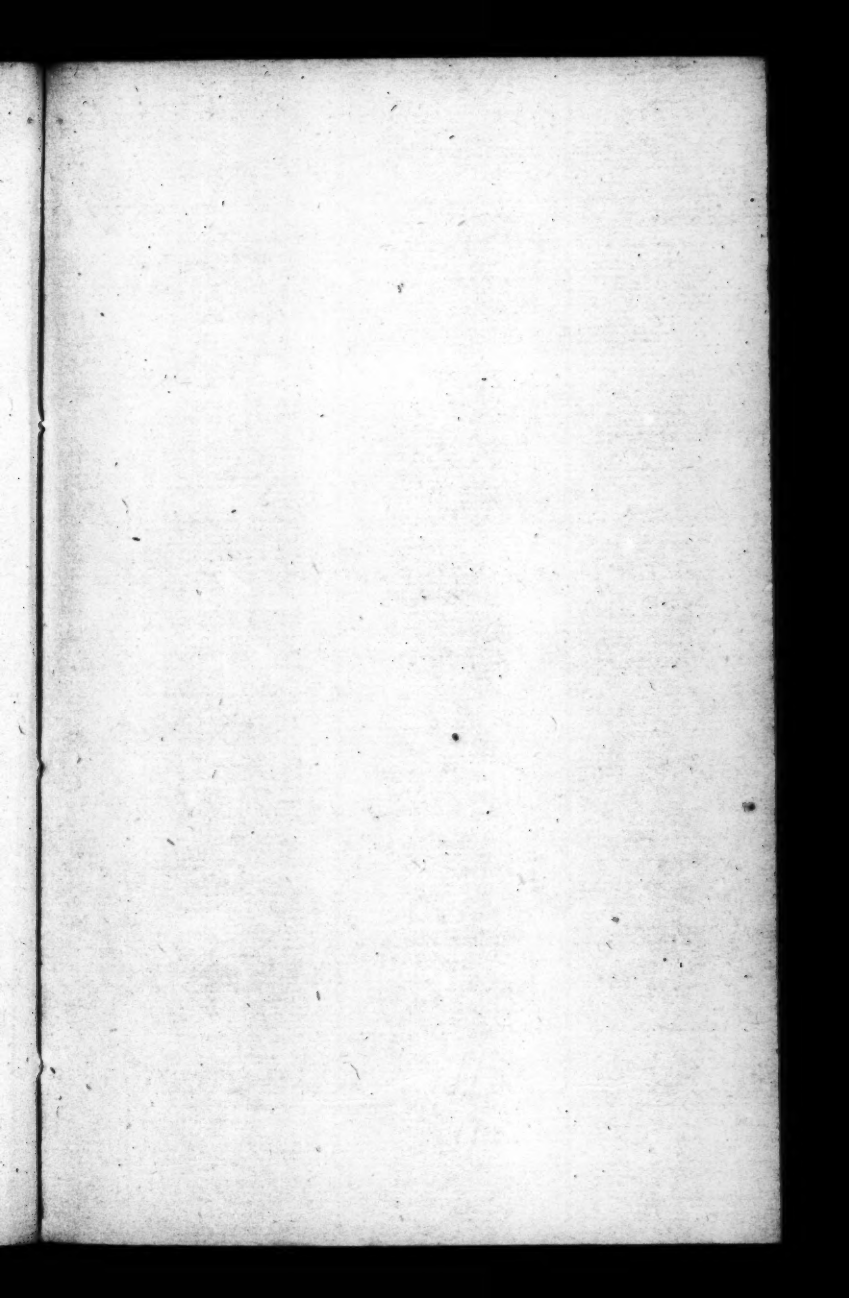
April hath xxx. dayes.

First quarter the 2 day, at 9 houres and 10 minutes forenoon
 Full Moon the 9 day, at 4 houres 1 minute in the morning
 Last quarter the 16 day, at 8 and 41 minutes in the evening
 New Moon the 24 day, at 4 and 10 minutes in the afternoon

1	G	Theodor.	can	5	14	6	46)	♊	The most
2	A	Mary Egypt	can	5	12	6	48			part of
3	B	Christia.	leo	5	10	6	50)	Perig.	this month
4	C	Sunday Lent	leo	5	8	6	52			will be ve-
5	D	Vincent.	virg	5	6	6	54	♂	♀	ly fair and
6	E	Sixtus	virg	5	3	6	57			temperate
7	F	Celestin.	libr	5	1	6	59			
8	G	Pionif.	libr	4	59	7	1			
9	A	Albinus	scor	4	57	7	3	☐	☉	☿
10	B	Ezechiel	scor	4	51	7	5	♂	h	♀
11	C	Palm-Sunday	sag	4	53	7	7	Quos fugimus scimus		
12	D	Jolius	sag	4	51	7	9	♂	h	♀
13	E	Justinus	sag	4	49	7	11	dimus nescimus		
14	F	Ciburt.	capr	4	46	7	14)	♊	
15	G	Olympia	capr	4	44	7	16			
16	A	Carissus	aqu	4	42	7	18)	Apog.	
17	B	Anicetus	aqu	4	40	7	20	☐	☉	☿
18	C	Easter-day	aqu	4	38	7	22	♀	Elong.	Max.
19	D	Timoth.	pisc	4	36	7	24			
20	E	Sulpitius	pisc	4	34	7	26	*	♊	♀
21	F	Adelar.	arie	4	32	7	28	In the E.		
22	G	Emanuel	arie	4	30	7	30	*	♊	♀
23	A	S. George	arie	4	28	7	32	♂	♀	fertill show-
24	B	Albertus	tau	4	26	7	34	rs		
25	C	Flow-Sunday	tau	4	24	7	36	S. Mark		
26	D	Cletus	gem	4	22	7	38			
27	E	Anastas	gem	4	20	7	40			
28	F	Vitalis	canc	4	19	7	41)	♊	
29	G	Sibylla	canc	4	17	7	43			
30	A	Jolus	Fast leo	4	15	7	45	♀	Stat.	Perig.







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May hath xxxi. dayes.

First quarter the 1 day, at 2 and 36 minutes in the afternoon
 Full Moon the 8 day, at 3 and 7 minutes in the afternoon
 Last quarter the 16 day, at 2 and 51 minutes in the afternoon
 New Moon the 24 day, at 2 and 57 minutes in the morning
 First quarter the 30 day, at 8 and 19 minutes in the evening.

1	h	Philip & Jac	leo	4	147	46	The month beginneth		
2	C	2 Sun. af. Easter	virg	4	127	48	♂	☉	h somewhat
3	D	Inven. Crucis	virg	4	107	50	*	♂	♀ cold and
4	E	Florian.	libr	4	87	52	raining, with some		
5	F	Term begins	libr	4	97	53	*	♂	♀ winds, espe-
6	G	John Port lat.	libr	4	57	55	cially about the 10 and		
7	A	Jubenal.	scor	4	37	57	11 dayes		
8	B	Stanislaus	scor	4	17	59			
9	C	2 Sun. af. Easter	sag	3	59	8			
10	D	Baucrat.	sag	3	58	8	♂	☉	♀
11	E	Christia.	capr	3	56	8	in II		
12	F	Gordianus	capr	3	55	8			
13	G	Gerdatius	capr	3	53	8			
14	A	Festuna.	aqu	3	52	8	♂	☉	Apog.
15	B	Daphia	aqu	3	51	8	*	☉	♂
16	C	4 Sun. af. Easter	pisc	3	49	8	From the 16 day unto the		
17	D	Yodocus	pisc	3	48	8	12 moneths end you may ex-		
18	E	Benant	pisc	3	47	8	pect a various dispositi-		
19	F	Sara	arie	3	46	8	on of the weather, much		
20	G	Ferns	arie	3	44	8	rain and hail, if not		
21	A	Walent.	aur	3	43	8	one thunder and light-		
22	B	Helena	aur	3	42	8	☐	h	♂ ning
23	C	Rogat Sunday	gem	3	41	8	♀	Sra. in	♂ ☐ ♀
24	D	Ether	gem	3	40	8	about the 22 and 23		
25	E	Wabatus	can	3	39	8	♂	h	♀ here ☾ ☉
26	F	Edward.	can	3	38	8	dayes		
27	G	Alcention day	leo	3	37	8	Perig.		
28	A	Boithelm.	leo	3	36	8	Multa furta, latrones, &		
29	B	Nat. Pr. Car.	leo	3	35	8	prædones multi & manife-		
30	C	6 Sun. af. Easter	virg	3	34	8	sti denunciantur.		
31	D	Term ends	virg	3	33				

June hath xxx dayes.

Full moon the 7. day at 3. and 43. min. in the morning.

Last quarter the 15. day at 7. and 8. min. in the morning.

New moon the 22 day at 11. & 23 min. fore-noon. ☉ *Eclip.*

First quarter the 29. day at 1. & 14. min. morning. *Guinea*

1	E	Malcodem.	libr	3	33	8	27	
2	f	Marcell.	libr	3	33	8	27	
3	g	Crasmus	cor	3	32	8	28	
4	a	Quirin.	scor	3	32	8	28	☿ dist. max. a ☉
5	h	Bontface	sag	3	32	8	28	
6	c	Whit Sunday	sag	3	32	8	28	☐ ☿ ♀ Whit Sun.
7	d	Saul Ep.	sag	3	32	8	29	* ☿ ♀ week will be
8	e	Medard.	cap	3	32	8	29	☾ ☿ windy and
9	f	Barnab.	cap	3	32	8	29	moist.
10	g	Onufri.	aqu	3	32	8	29	☾ apog.
11	a	Sun in Cancer	aqu	3	32	8	29	
12	h	Blandin.	aqu	3	32	8	29	* ☿ ♀
13	c	Trinity sabbay	pisc	3	32	8	29	
14	d	Valerius	pisc	3	32	8	29	After the 14 day very le.
15	e	Vitus	ari	3	32	8	29	rene and temperate.
16	f	Nat Dom. Henari	ari	3	32	8	28	
17	g	Corpus Christi	tau	3	32	8	28	☉ In Apo. ☿ ♀ ♀
18	a	Scrin begins	tau	3	32	8	28	
19	h	Cerbas	tau	3	32	8	28	
20	c	1 Sund. aft. Tr.	gem	3	32	8	28	<i>Eclipsis ☉ Nobis aut ne-</i>
21	d	Albanus	gem	3	33	8	27	<i>quit esse Eclips. ob Parallax.</i>
22	e	Schattus	canc	3	33	8	27	<i>in Ca nimis in Austrum</i>
23	f	Basil. fast.	canc	3	34	8	26	<i>excurrentem: Illis aute n</i>
24	g	S. John Baptis	leo	3	32	8	26	<i>total. ☉ obscurabitur,</i>
25	a	Elogius	leo	3	35	8	25	<i>qui subjacent Longitud.</i>
26	h	Jeremias	virg	3	35	8	25	<i>loci. 32 gr. 39 min. 45 sec.</i>
27	c	1 Sund. atc. Tr	virg	3	36	8	24	<i>☉ Lat. septent. 11 gr qua-</i>
28	d	Leo	libr	3	37	8	23	<i>lia sunt loca in Guinea</i>
29	e	S. Peter Apo.	libr	3	38	8	22	<i>Africa, & que adjacent</i>
30	f	Paul Con.	scor	3	39	8	21	<i>fluvio Nigro, &c.</i>

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July hath xxxi dayes.

Full Moon the 6 day, at 5 and 55 minutes in the afternoon
 Last quarter the 14 day, at 9 and 3 minutes at evening
 New Moon the 21 day, at 6 and 51 minutes afternoon
 First quarter the 28 day, at 10 and 23 minutes forenoon,

1	g	Theoba	scor	3	4	8	20			
2	a	H. St. Mar.	sag	3	4	8	18	*	♂	♂
3	b	Cozne.	sag	3	4	8	17			
4	c	3 Sun. aft. Trin.	sag	3	4	8	16	☐	h	♀
5	d	Anselm.	cap	3	4	8	15	♂	☉	♀
6	e	Pector	cap	3	4	8	13		☉	♀
7	f	Term ends	aqu	3	4	8	12	☾	Apog.	
8	g	Nat. Hen. D. Gloc.	aqu	3	4	8	11	*	h	♀
9	a	Cyrillus	aqu	3	5	8	9	This moneth will be ge-		
10	b	7. Fratr.	pisc	3	5	8	8	nerally inclined to wind		
11	c	4 Sun. aft. Trin.	pisc	3	5	8	7	and moisture, especial-		
12	d	Henric.	arie	3	5	8	5	*	☉	h
13	e	Margaret	arie	3	5	8	4	the 5 first dayes, the		
14	f	Benaben.	arie	3	5	8	2	16 and 25 daies.		
15	g	Divis. A.	tau	3	5	8	1	♂	♂	♀
16	a	Hilarin.	tau	4	1	7	59			
17	b	Alexius	gem	4	3	7	57			
18	c	5 Sun. aft. Tri.	gem	4	5	7	55			
19	d	Do. dayes beg.	can	4	7	7	53	☾	♂	
20	e	Elis	can	4	8	7	52			
21	f	Daniel	leo	4	10	7	50			
22	g	Mary Mag.	leo	4	11	7	49	☾	Perig.	
23	a	Spollin.	vir	4	13	7	47			
24	b	Christia. Fast	vir	4	15	7	45			
25	c	6 Jame. Apost.	lib	4	16	7	44	Δ	h	♂
26	d	Anna	lib	4	18	7	42	Some Treacherie disco-		
27	e	Martha	scor	4	20	7	40	vered in a great Mercu-		
28	f	Anthal.	scor	4	22	7	38	ralist. I care not who it be.		
29	g	Beatric	scor	4	24	7	36	Fiat justitia.		
30	a	Abdon	sag	4	25	7	35			
31	b	German.	sag	4	27	7	33			

August hath xxxi. dayes.

Full moon the 5 day, at 9 and 23 minutes in the evening
 Last quarter the 13 day, at 8 and 42 minutes in the morning
 New moon the 19 day, at 4 and 16 minutes in the afternoon
 First quarter the 26 day, at 9 and 57 minutes at night.

1 C	7 Sund. aft. Tr.	capr	4 29	7 31	△ h 8 3 3 overcast
2 D	Moses	capr	4 31	7 29	♂ ⑥ 4 Great
3 E	Domin.	capr	4 31	7 27	winds clearing the air
4 F	Aristarc.	aqua	4 31	7 25	
5 G	Oswald	aqua	4 3	7 15	Apog.
6 A	Births	pisc	4 39	7 2	
7 B	Afra.	pisc	4 41	7 1	
8 C	8 Sund. aft. Tr.	pisc	4 43	7 17	
9 D	Roman	aries	4 45	7 15	
10 E	Adrent.	aries	4 47	7 13	♂ 3 2 Merito 2
11 F	Citus	taur	4 49	7 11	darla lara che la ferra
12 G	Cleta	taur	4 5	7 9	
13 A	Hippoli	gem	4 53	7 7	
14 B	Bertram	gem	4 55	7 5	
15 C	9 Sun aft. Tr.	gem	4 57	7 3	♂ ⑥ h Cold winds and
16 D	Rochus	canc	4 59	7	Elong. Max. ⑥ Rain
17 E	Agapitus	canc	5 1	5 59	for the most part from
18 F	Helena	leo	5 3	5 57	△ h ⑥ the 14 day
19 G	Sebaldu	leo	5 6	5 54	Perig. to the 20.
20 A	Bernard	virg	5 8	6 52	
21 B	Athanas.	virg	5 10	6 50	* 4 8 Fair and
22 C	10 Sun. aft. Tr.	libr	5 12	6 48	clear, from the 21 day to
23 D	Jachens Fast	libr	5 14	6 46	the end of the month
24 E	S. Barth. Apo.	scor	5 16	6 44	
25 F	Ludovicus	scor	5 18	6 41	
26 G	Trenus	sag	5 20	6 40	
27 A	Geohat. 1	sag	5 22	5 38	
28 B	Dog. dayes end	capr	5 25	6 35	♂ 3
29 C	11 Sun aft. Tr.	capr	5 27	6 33	
30 D	Felix Pr.	capr	5 29	6 3	♀ Statio.
31 E	Bartholus	aqua	5 32	6 3	

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September hath xxx. dayes.

Full Moon the 4 day, half an houre past 1 in the morning
 Last quarter the 11 day, at 7 and 8 minutes in the afternoon
 New Moon the 18 day, at 19 and 28 minutes in the forenoon
 First quarter the 25 day, at 1 and 26 minutes in the afternoon

1	f	Regidus	aqu	5	31	6	35	*	4	2
2	g	Rachel	pisc	5	28	6	22)	Apog.	
3	a	Euph.	pisc	5	40	6	20			
4	b	Theodoss	pisc	5	41	6	18	This moneth of September in generall is like to		
5	C	12 Sun. aft. Tr.	Ari	5	44	6	16			
6	d	Magnus	arie	5	46	6	14			
7	e	Megina	canc	5	48	6	12			
8	f	Mat. M.	canc	5	50	6	10	prove turbulent and tempestuous, as the 10. 15. 16. 21. 27. 29. and 30.		
9	g	Antign.	canc	5	52	6	8	daies will manifest.		
10	a	Holt hen.	gem	5	54	6	6	☿ ☽ ♀ Hesper & ☾		
11	b	Cobald.	gem	5	56	6	4	longe abash.		
12	C	13 Sun. aft. Tr.	canc	5	58	6	2	☾ ☽		
13	d	Sun in Libra	canc	6	0	6	0			
14	e	Craft crue.	leo	6	2	5	58			
15	f	Nicodem.	leo	6	3	5	55	Δ	☉	♄
16	g	Euphem.	virg	6	7	5	53	☾ Perig.		
17	a	Lamber.	virg	6	9	5	51			
18	b	Ferrolus	tibr	6	11	5	49			
19	C	14 Sun. aft. Tr.	libr	6	13	6	47	*	♀	♂
20	d	Paula	scor	6	15	5	45			
21	e	S Matthew Ap	scor	6	17	5	43	♀	Star. in *	♀
22	f	Manetti	sagi	6	19	5	41			
23	g	Joel	sagi	6	22	5	38			
24	a	Ruterius	sagi	6	24	5	36	☾ ☽		
25	b	Cleoph.	capr	6	26	5	34	Rard antecedentē scelerē		
26	C	15 Sun. aft. Tr.	capr	6	28	5	32	Deseruit pedepena claudere		
27	d	Judith.	aqu	6	31	5	29	☿	Digr max. & ☾	
28	e	Wences.	aqu	6	33	5	27	☾ Apog.		
29	f	S. Mich. Arch.	aqu	6	35	5	25	☿	♀	♂
30	g	Hierony.	pisc	6	38	5	22	☾	♄	♄

October hath xxxi dayes.

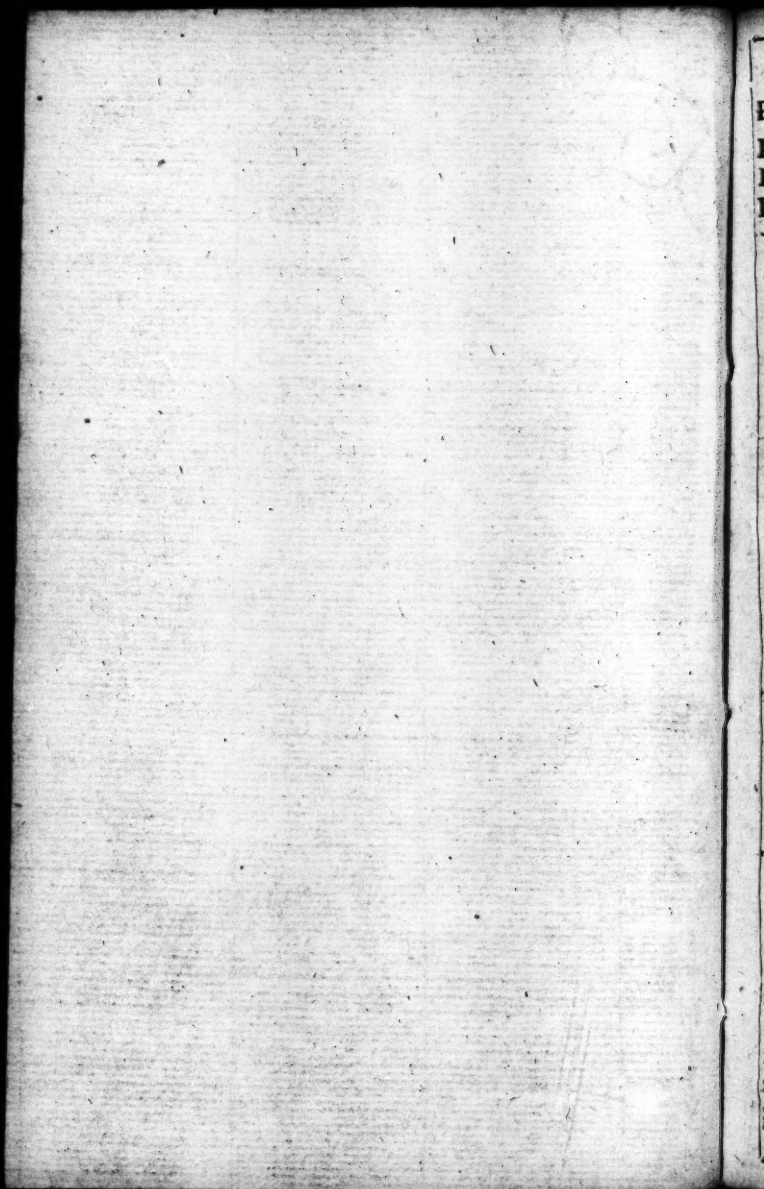
Full moon the 3 day, at 5 and 35 minutes in the afternoon
 Last quarter the 11 day, at 3 and 12 minutes in the morning
 New moon the 17 day, at 8 and 30 minutes at night
 First quarter the 25 day, at 8 and 25 minutes in the morning

1	a	Remigius	pisc	6 41	5 19	☿	♂	♂
2	b	Leodgar	Ari	6 43	5 17	♈	♂	♂
3	c	16 Sun. aft. Tr.	arie	6 45	5 15			
4	d	franc. conf.	arie	6 48	5 12	*	♀	♀
5	e	K. Ch. fr. Spain	taur	6 50	5 10			
6	f	Aurelia	taur	6 52	5 8			
7	g	Spes	gem	6 54	5 6			
8	a	Delagia	gem	6 57	5 3	☾	♂	
9	b	Dionys.	can	6 59	5 1			
10	c	17 Sun. aft. Tr	can	7 1	4 59			
11	d	Burchar.	leo	7 3	4 57			
12	e	Walfrid	leo	7 5	4 55	This moneth we may		
13	f	Cilema.	virg	7 7	4 53	☾	Perig, expect much	
14	g	Jac. D. Ebor.	virg	7 9	4 5	wind, hail, and snow, or		
15	a	Hedwig.	virg	7 11	4 49	rain, with some thunder		
16	b	Gallus	libr	7 14	4 46	and lightning * ☉ ♀		
17	c	18 Sun. aft. Tr.	libr	7 16	4 44	about the 1. 21 and 28		
18	d	S. Luke Evang.	cor	7 18	4 42	dayes.		
19	e	Stolent.	cor	7 20	4 40			
20	f	Wendel	ag	7 22	4 38	☿	♂	♂
21	g	Orsula.	ag	7 24	4 36	*	♂	♂
22	a	Cordula	capr	7 26	4 34	Quod homi-		
23	b	Term begins	capr	7 28	4 32	nes in se invicem discor-		
24	c	9 Sun. aft. Tr	iqu	7 30	4 30	dabunt & prosequuntur		
25	d	Crispin	iqu	7 32	4 28	se mutuo odio, & cessa-		
26	e	Amand.	qu	7 34	4 26	bunt se familia. ☾ Apog.		
27	f	Ala. Fast	pisc	7 36	4 24	♂	☉	♀
28	g	Sim & Jude	pisc	7 38	4 22	& detrahet		
29	a	Marcellus	arie	7 40	4 20	quili et alteri. Id. 16 d.		
30	b	Abolon.	irie	7 42	4 18	v. Haly de ☐ ♀ cum ♂		
31	c	Wolff. Fast	irie	7 44	4 16	Pag. 392 Etiam si fuerit		
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November hath xxx. dayes.

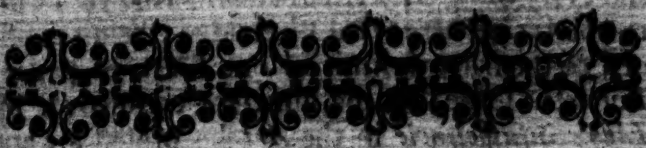
Full Moon the 2 day, at 9 and 13 minutes in the forenoon
 Last quarter the 9 day, at high noon
 New Moon the 16 day, at 9 and 10 minutes in the forenoon
 First quarter the 24 day, at 5 and 58 minutes in the morning.

1	d	All Saints	taur	7	46	4	14				
2	e	D. Animar.	taur	7	48	4	12	♀	Stat.		
3	f	Theoph	gem	7	50	4	10	This day seaven years be-			
4	g	Nat. P. Mar.	gem	7	52	4	8	gan the Parliament at			
5	a	Powder treas.	canc	7	53	4	7	☾	♂	westminster;	
6	b	Leonha	canc	7	55	4	5	♂	h	♀	
7	c	21 Sun. aft. Tr	canc	7	57	4	3				
8	d	Claudius	leo	7	59	4	1				
9	e	Theodo.	leo	8	13	59		☾	Perig.		
10	f	Martin P.	virg	8	23	58		♂	♂	♂	
11	g	Mart. Ep.	virg	8	43	56		♂	☾	h	Look for
12	a	C. nibe.	libr	8	63	54		☐	♂	♀	much
13	b	Eugen.	libr	8	73	53		snow or rain and strong			
14	c	22 Sun. aft. Tr.	scor	8	83	52		♂	♀	♀	winds for
15	d	Leopoldus	scor	8	93	51		the most part of this			
16	e	Otmar.	sagit	8	113	49		moneth			
17	f	Hugo	sag	8	123	48		☾	☾		
18	g	Heuchi	capr	8	133	47					
19	a	Nat. R. Car.	capr	8	143	46		☐	☉	♂	
20	b	Imos	capr	8	153	45		♂	☉	♀	
21	c	21. Sun. aft. Tr.	aqu	8	163	44					
22	d	Cecilia	aqu	8	173	43		♂	♂	♀	☐ ♂ ♀
23	e	Clemens	pisc	8	183	42		☾	Apog.		
24	f	Chryfog.	pisc	8	193	41					
25	g	Cathar.	pisc	8	213	39					
26	a	Conrad.	ari	8	223	38					
27	b	Gunthe.	ari	8	233	37					
28	c	Advent tunday	taur	8	243	36					
29	d	Saturn. Fast	taur	8	253	35		Term ends			
30	e	S. Andrew Ap.	taur	8	263	34					

December hath xxxi dayes.

Full moon the 1 day, at 11 and 47 minutes at night
 Last quarter the 8 day, at 7 and 55 minutes evening
 New moon the 16 day, 38 min. after midnight *Sun eclipsed*
 First quarter the 24 day, at 3 and 15 min. morning in *scor*
 Full moon the last day, at 5 1 min. after highnoon. *Guinea, &c.*

1	f	Longin.	gem	8	26	3	34						
2	g	Candis.	gem	8	27	3	33	Δ	4	5	6	7	Some
3	a	Colstanus	cap	8	27	3	33						winds
4	b	Barbara	cap	8	28	3	32						The first half of this
5	c	2 Sund. in Ad.	leo	8	28	3	32						moneth will be reason-
6	d	Nicholas	leo	8	28	3	32						Perig. nable fair
7	e	Agathon.	virg	8	29	3	31						and temperate
8	f	Conc. M.	virg	8	29	3	31						
9	g	Joachim.	libr	8	29	3	31						
10	a	Philad	libr	8	29	3	31						Elong. max.
11	b	Sun in Capric.	scor	8	29	3	31						
12	c	3 Sun. in Adv.	scor	8	29	3	31	Δ	4	5	6	7	St.
13	d	Lucia	sag	8	29	3	31						
14	e	Alanus	sag	8	29	3	31						
15	f	Abraham	scor	8	29	3	31						
16	g	O Sapientia	cap	8	28	3	32						
17	a	Lazarus	cap	8	28	3	32						Nabis autem obscurari
18	b	Christopher	aqu	8	28	3	32						requit cum tem-
19	c	4 Sun. in Adv.	aqu	8	27	3	33						pore obscuratioms infra
20	d	James	aqu	8	27	3	33						Horizont. lateat,
21	e	S Thom. Apo.	uic	8	26	3	34						The most part of Christ.
22	f	Theodor.	uic	8	26	3	34						masse will be windy
23	g	Dagoba	Ar	8	25	3	35						and wet
24	a	Fast	uri	8	24	3	36						
25	b	Christ masse	arie	8	24	3	27						
26	c	S. Stephen	taur	8	23	3	38						
27	d	S. John Evan.	taur	8	22	3	39						
28	e	Innocents	22. Pa. Elia.										
29	f	Jonatha.	gem	8	19	3	41						
30	g	David	can	8	18	3	42						
31	a	Silvester	can	8	17	3	43						



W H A R T O N.

1 6 4 7.

Merlino-Anglico-Mastix.

O R,
LILLY lasht with his own Rod.

BY THE AUTHOR.



Efore I presume to say any thing of this Yeeres *Revolution*, it will much concerne me in the first place to free my selfe from a false and scandalous imputation of *Error* and *Ignorance* cast upon me by M. *William Lilly* (the *States Merline*) and printed with his *Anglicus* for 1645. which (indeed) I had answered long ere this, had not my many more necessary and daily imployments in the service of His Majesty hindered me, both from that,
A and

and every thing else oflike nature. And yet I cannot performe here what I intended, being confined to the narrow limit of one sheet of paper: But what I doe shall be sufficient to discover M. Lilly's *insufficiencie* in the *Art* he professes; and enough to convince all men, who are otherwise opinionated of him by reason of my thus long silence. I shall give him no uncivill, or detracting language, but doe promise to be briefe, plaine, and moderate in my discourse. I will not strive to ballance him in his imperinencies and rayling, that can never adde one grain to the truth: If ever I used any sharp Phrase to him, it was not in my owne behalte: But where I found him too bold and sawcy with His *Soveraigne*, I did my best to Vindicate His *Majestie* in termes equivalent: And for that I will not blame my selfe. But whether I be guiltie of the *Error* and *Ignorance* which M. Lilly hath publicquely accused me of; I shall here examine.

The first thing he justles on, is my Reduction of *Origanns* his *Ephemerides* to the *Meridian* of *Oxon*. Which although he confesses I have *exactly* followed; and further acknowledgeth that he is *Sufficiently sensible* (they are his owne words) *that I have done the same rightly by the said tables* yet he pins an Error upon my shoulder, because I fit not my shooe to his Last: as though I were bound to credit *Origanns* for M. Lillys beloved Citie, *London*, but not for *Oxon*. And why? *Because* (saith

(saith he) *Is one is consentaneous to other Tables, or not the other* : But what Tables are those (M. Lilly) that give 1. *ho.* 7. *min.* for the difference of *Meridians* betwixt *London* and *Frankfort* before *Origanus* his Tables were printed? I thinke (Sir) you will finde none : And of those few that have set out Tables of that nature since *Origanus*, how many (I pray you) consent with him for *London* and dissent for *Oxon*? I beleeve (M. Lilly) if you compare rightly, you will find 1. *ho.* 44. *min.* as much consentaneous to other Tables for *Oxon.* as your 1. *ho.* 7. *min.* for *London.* And if you had but considered how difficult a thing it is, to finde out the exact longitude of any place (a secret never yet attained to by any, nor then which few things in nature have more perplexed the wits of many ingenious *Mathematicians*) whether by *Eclipses* of the *Moon*, by *Clocks*, *Watches*, or *Hour* glasses, or by distances betwixt the *Moon* and some known *Stars* neare the *Ecliptick*, or by the difference in the *Sun* and *Moon* motions, or what other way you will, (the best of them all having their uncertainties) methinks you should have been more modest in this point, and not have charged so gallant a mans *Error* upon me : which for ought I knew all the *Mathematicians* in the world cannot yet exactly rectifie.

And hence (M. Lilly) you proceed boldly to rectifie my *Scheme*, for the *Sun*s ingresse into *Capricorn* : you have done wel, if rightly, but that

Wharton. 1647.

I shall prove to be otherwise.

For admit (which neither you nor I can know exactly) that the difference of longitude from *Oxon.* to *Franck.* be (as you would have it) 1. ho. 12. min.

He examine your work thus, by the same Tables you have gone by.

	degr.	m.	sec.
December 10. 1644. the Sun is in γ	39	19	11
December 11. 1644. he is in ν	00	20	30
The Sunne's Diurnall motion is	01	01	19
The distance of the Sunne's place upon the said 10. of Decemb. at noon from the first scr. of ν is	00	40	49

Then I say by the Rule of Proportion,

If 1. ho. 1. min. 19. sec. require 24. houres, what shall 40. min. 49. sec?

Facit ho. 15. 58. min. 34. sec.

The supposed difference of time betwixt *Franckfort* and *Oxon.* to be subtracted is 1. ho. 12. min.

Resteth for the *Meane* or *Equall time* 14. ho. 46. min. 34. sec.

The *excess* of time to be added, is 0. ho. 8. m. 35. sec.

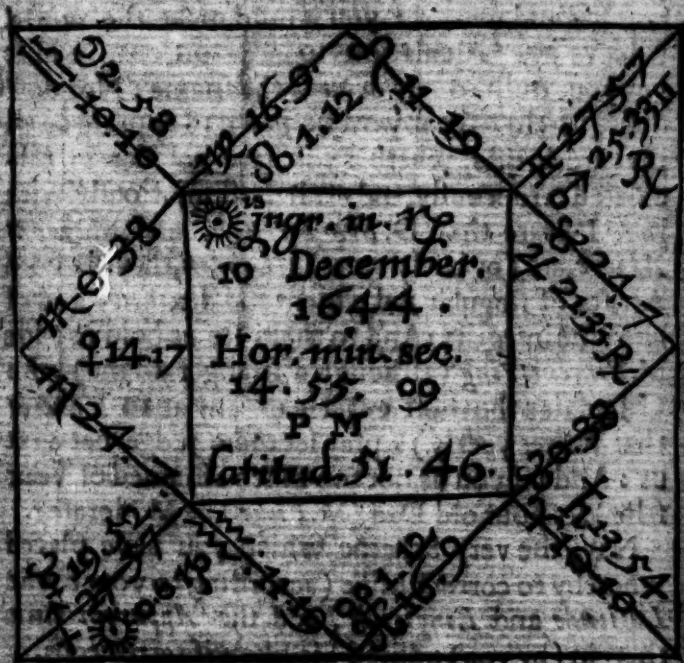
So the *True*, or *Apparent* time of the Sun's ingresse into the first Scruple of *Capricorne*, according to true Calculation, is but ho. 14. 55. m. 9. sec.

Whereby it is evident, that M. *Lilly* hath grossly mistaken 9. min. 26. sec. in the time of the Sun's ingresse.

And

Wharton. 1647.

And the Scheme will present it self
exactly thus.



By which it plainly appeareth that M. Lilly
hath erred

		deg. m.
In the	10 and 4	3 41
	11 and 5	3 22
	12 and 6	1 54
	1 and 7	1 39
	2 and 8	1 39
	3 and 9	2 9

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Lo

Wharlon. 1647.

Lo here (M. Lilly) how you have play'd the *Tinker*: in seeming to mend, you have miserably botch'd and marr'd: you would make the world believe my Calculations to be erroneous, whilst yet your owne onely deserve the shame: Nor do I desire herein to be my owne judge: I appeale to all that are Artifts, whether you have not herein calculated erroneously, and dealt most injuriously with me. I heare that D. *Starborough*, and M. *Jonas Moore*, are (or lately were) in *London*, they are both Artifts of singular judgement and dexterity, and of knowne integrity: And to them Ile be bold to adde M. *Vincent Wing* (although a stranger to me) who Calculates the most exactly of any man I know that writes yearly) I pray let them judge betwixt us: And (if you be not too much ashamed of your selfe) let your old Dad (M. *Fiske*) be Moderator.

Nay, the very Scheme which you have placed whereby to correct mine (according to your owne *Latitude* and *Longitude*, and the *Apparent* time therein (by you) posited) is likewise erroneous.

For example.

You have made the Cuspes of the	10	Houses	14	00	♈
	11		18	31	♉
	12		22	4	♊
	1		2	17	♋
	2		25	46	♌
	3		30	06	♍

Whereas

Whereas, according to exact Calculation, they ought to be thus :

The Cuspe of the	{	10	House	{	13	40	♈
		11			18	10	♉
		12			11	56	♊
		1			2	18	♋
		2			25	53	
		3			00	7	♌

So that although in the 1, 7, 3, and 9. Houses you come neerer the truth, yet in the 2. and 8. you have erred seven min. in the 12. and 6. eight min. in the 10. and 4. twenty, and in the 11. and 5. twenty one. I should have demonstrated all this to you but for want of Paper.

Touching my opinion given of *Mars* his being in the 9. House in *Gem.* in *Trine* to the *Horoscope*, (at which you rashly burst out with a *Sciant praesentis & futuri*) my Judgment was regular, in saying that it did portend good success to those engaged for the defence of their Sovereigne, their Religion, and Lives : And he is known unto *M. Lilly*, and all men, as inconsiderate, wilfull and ignorant as himselfe, by these presents : That this judgment was deduced from the nature of the Planets, the Aspect and House, and the Quality of the signe then ascending at *Oxen*, which had principal signification upon the Citie foras at that time. And the reason why I gave *M. Booker* that Caveat you speake of, was, because that *Mars* was Lord of the 6. House.

which is *Delius. agnitionum* : in relation to which, I told him, *Mars* looked very Sickly out *Gemini*, which by *M. Booker* and all men else is acknowledged to be the Ascendent of Lon-

Now I referre to the judicious, whether that fiction did not portend some sicknesse or other perall infirmities to happen to the Citie of London, and whether *M. Lilly* hath not rendred himself a meer *Ignoramus*, and *Weakling* in *Astrology*, acknowledging himselfe ignorant of the cause thereof.

The next thing he would have the world believe he hath corrected me in, is the Basis of the sun's Ingresse into *Aries*, where (on his former posited ground) he putteth it 15 *ho.* 3. *min.* : 40. and the Ascendant 11. hour. (he meant degrees) 37. of *Capricorne* : But the Gentleman is a lawyer, for the Apparent time is exactly 15. *ho.* 1. *min.* and 40. *sec.* *Post Meridien* upon the 9. of *March*, and the Ascendant, 13. *degr.* 00. *min.* of *Capricorn*, which is 2 whole deg. and 23. *min.* or in the Ascendant.

Again, he under-values me for giving judgment *Spilers* being in the 4. and of *Mars* in the 6. case, when *Origani*, *Levini*, & *Ranzovini* (he saith) command us to allow 5. *degr.* prece- and 5. *degr.* subsequent for the Cuspe of each case. Sir, I knew the Opinion of those and other Authors in that particular many yeares since; but

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former
shall fo

But (M. Lilly) I adhered rather to *Rhemeticus* (who quoteth *Haerlicius* to second him in his Opinion) which *Rhemeticus* absolutely disliketh that ancient Rule of Astrologers, for three reasons delivered in his 2. lib. cap. 4. to which I refer you: and therefore I pray you acquit me of Ignorance and Error in this particular. Besides, M. *Booker* himselfe seems to be of this Opinion, as you may plainly see in his late Pamphlet, by him stiled a *Bloody Irish Almanack* pag. 31. Where he gives *Haly's* judgement of *Saturnus* being in the 4. House; whom you shall finde in the figure of Heaven by him erected, to be within lesse then 5. degr. of the Cuspe of the fift House, viz. within 2 deg. 44. min. thereof, which is as contrary to *Origanus*, *Leovicius*, and *Ranzovius*, as your owne opinion: And yet M. *Booker* (in the said *Irish Almanack* in his Epist to the Reader) sayes, that he and you have the same Principles; But by this you see, it is not in Astrology: I suppose rather you have the same Principles in the Art of abusing His Majesty and the Queen, and of animating the poore deluded People to March on violently against them to their Destruction. I could say more, but *Cynthia aurum vellit*.

The next thing considerable to be answered unto (for the rest are not worthy a Review) is his correction of the time of the *Sun's* ingresse into *Cancer*. And this he would doe still upon his former supposed ground: But how learnedly you shall soone see.

Wharton: 1647.

He makes the *Apparent time* of the *Suns* ingresse
into *Cancer* at *Oxon.* 18. hour. 58. min. which he
saith produceth 7. deg. 48. min. to Ascend; But
the *Prophet* is still wrong; For,

gr. min.

The Right Ascension of the Sun is 90 00

The R. Asc. of his supposed time, is 284 30

The R. Asc. of the Mid-heaven, is 14 30

The Oblique Asc. of the Horoscope, is 104 30

To which agreeth in the Latit. { 51 006 43 R
52 007 23 R

But in the Lat. of 51. 46. 007 14 R

Which 7. degr. 14. min of *Leo*, is the true degr.
and min. ascending at his owne supposed time in
the Latitude of *Oxon.* Whereby it plainly appea-
reth, that M. *Lilly*, instead of correcting me, hath
himselfe erred 34. min. in the *Horoscope*.

The last thing he layes to my charge, is an Error
of the Presse, where 'tis said, That *Venus* was in a
Sexsile aspect with the *Dragons* head. The words
of the Copie (yet to be shewn) were thus:— which
is further confirmed by reason she (meaning *Venus*)
is separated from a *Sexsile* of *Mars*, and in the same
aspect with ♄ the Signe then Ascending. Now (M.
Lilly) how easily this Character ♄ of the *Dragons*
head might be mistaken for this Character ♄ of
Leo, being so very like, and especially by a Cor-
rector who well knew not how to distinguish be-
twixt them, being never used to those Characters
before, I leave to your owne and all reasonable

mens judgement: But I hold it a great want of Charity in you, to conceive me culpable of so grosse ignorance, as to thinke the *Dragons head* could be in any Aspect with the *Planets* or *Stars*. If I should tax you for publishing the *Eclipse* of the *Moon* (which happened the 21. of *January* the last year 1646.) upon the 18. day (as tis printed in your *Anglicus*) I should much injure you and wrong my owne conscience; because I am confident you are not so ignorant (though the most of any man I knew (M. *Booker* excepted) that pretends to (and glories in) so much as you doe) as to misse 3. daies in the time of an Eclipse. Many more such I could instance, but 't were to as little purpose as this of yours.

But Ile cleare your eyes a little more.

In your *Anglicus* 1645. p. 19. you quoted these dangerous words of *Haly*. *Quando Revolutio Anni est Diurna & Mercurius Quadrato Solis, &c. significat quod insurget ejusdem de Regno, qui auferet eum de Regno suo & potentia*. But altogether impertinently: For the Aphorisme hath no place or signification, but where the Revolution is *Diurnal*, (as the words import) but your *Figura Mundi* is *Nocturnal*, viz. at 3. a-clock in the Morning. To what other end then can it be conceived you cited those words of *Haly*, but to startle and amaze the Kings friends and adherents (for His Majesty never feared the *Signe* of *Heaven*) the application thereof being altogether impertinent & fruitlesse, as the learned

learned well know, and time it selfe hath mani-
fested?

Page. 31. following, you have these Interrogatories,
What? have we not Venus in X. and Sol in the 2. and the Moone in Trine to M? I answer you. *Venus* (indeed) and the *Sun*, are both as you say: but not the *Moone*, for she is in the 24. degr. 56. min. of *Sagittarie*, and *M* in the 27. degr. 20. min. of *Taurus*: so that there is no Trine betwixt them, untill the 12. of *March*. Is not this a mistake, Sir?

Page. 42. you tell me I am very simple in *Astrology* to think that whatever might be expected from the *Conjunction* of *Jupiter* and *Mars*, and the mutuall correspondencie betwixt the *Conjunction* and *Eclipse* should operate presently; for *Orig.* (you say) *Fol.* (you meant Page.) 465.) might have satisfied me in these words: *Si Eclipsis incidere in orientalem finitorem significat eventuum exordia circa pro-*
phetas quos moris, qui sequuntur Deliquium.

These words (I confesse) are cited by *Origen* out of *Ptolomy*, *Lib. 2. Quadr. Cap. 6. Text. 28.* but it does not therefore follow that *Origen* is of the same opinion: For in the very next page he is of a quite contrary judgement, as you may know by these words:

Perius enim quari possit, ubi effectus Eclipsis tan-
dis latet, ut post tantum tempus demum sese exerat,
non immerito hec Ptolomica doctrina in dubium tra-
hibitur: Consentaneum namq; est Eclipses statim ope-
rari, & effectus suos aliquosq; extendere.

Whole

Whose the foole now?

And in the next page you say, That if any King or Prince had been taken Prisoner during three yeeres, you had not erred; because (say you) the duration of the (not visible Solar) Eclipse (which happened the 22. of Aug. 1644.) was 3. houres, and so the effects should continue 3. yeeres. But that's too rough a Calculation, against which I shall onely produce the testimony of Learned Campanella, Li. 2. Ar. 3. *Omnes Eclipses* (saith he) *ostendunt effectū in Primo Anno ab hora sua, & non potest ullus progredi ultra Mens. 30. in Solari, in Lunari ultra 16.* Which is, That all Eclipses doe shew their effect in the first year from the time of the Eclipse: And there is not any can last longer then two years and an halfe in a Solar Eclipse, nor in a Lunar more then 16. months.

But (so besotted you are with your Ignorance and Pride) that you would seeme to make Campanella confute himselfe in these words:

Si Eclipsis erit in Horizonte orientali, incipit effectus &c. for (say you) all men know, *Horizon orientalis*, is the East angle; And if a solar Eclipse be there, how can it be visible? &c.

Sir, by this I make question whether you understand *Latine*, or not: For, would any man that understands what he reads thinke this to be any other then an Error escaped in the Presse? viz. *Horizonte* instead of *Quadrante*, or *Quarta* (as he afterwards hath it) for within 2. lines after M. Lilly's doubt

Wharton. 1647.

doubt is cleared by these words: & paulatim debilitatur per tot menses, aut partes, quot horis aut partibus super Terram potest videri: where it is evident (by the words *super Terram*) that Campanella gives judgment of an Eclipse which happens in Quadrante or Quarta Orientali, in the East Quarter of the Heavens (which is alwaies counted from the Degree Ascending, in any Figure, to the Cuspe of the 10. house) For otherwise (when he comes a little after to speak of an Eclipse falling in the West Quarter) why did he not as well there use the word *Horizonte*, but saith, *Si in occidentali Quarta sit, incipit, &c?*

This is plaine to me, though a Riddle to you. But, although your malice to me be so evident, yet thinks it should not extend to so gallant an Author as Campanella, whom, because you either cannot, or will not understand, you indeavour to calumniate; and make such who are as Ignorant as your selfe think he confutes himselfe; but, as the Italian saith,

*Chy fà l'ingiuria è il misero,
E non chi la riceve a torto.*

He who doth the injury is the wretch,
Not he who receiveth it wrongfully.

I could make a True Monstre of above 100. more of your Malitious Expressions, Mistakes, Impertinencies, Errors, and Defects in your Writings; as in your Introduction to your Ephemeris 1645. wherein although you have showne how to reduce

the

Whurton, 1647.

the *Locations* and *Affects* of the *Planets* for the *Meridian* of *London*, yet you have neither calculated the *Motions* for that *Meridian*, nor given any directions for reducing of them. As for Example, Jan. 1. 1645, you placed the *Moon* in 12. degr. 3. min. of *Cancer* which indeede is true for the *Meridian* of *Vraniburge*, for which *Eichstadius* his *Ephemerides* is Calculated: But before it be *Mid-day* with you at *London*, the *Moon* is moved 39. min. further, and so will be in 12. degr. 34. min. of *Cancer*: And so for every day in the yeare a greater or lesser Error both in the *Moon*, and other of the *Lower Planets*; whereby it appeareth that your *Ephemeris* is defective, and the Reader abused all the yeare long.

In *Prince Ruperts Nativity* you have erred (more or lesse) in the *Cuspes* of every House, viz.

In the	{	1 and 7	}	Houses	{	5	}	Minutes.								
		10 and 4				11 and 5			12 and 6	2 and 8	3 and 9	7	7	7	5	6
		11 and 5				12 and 6			2 and 8	3 and 9	7	7	7	5	6	
		12 and 6				2 and 8			3 and 9	7	7	7	5	6		
		2 and 8				3 and 9			7	7	7	5	6			
		3 and 9														
7	7	7	5	6												
7	7	5	6													
7	5	6														
5	6															
6																

And you should know, that in *Directions*, five *Min. error* in the *Equator* will be answerable to one moneth, 10. ho. and 30. minutes of time, and consequently so much Error in the time of any Accident. But I shall say no more: I think these Mistakes

Wharton. 1647.

Mistakes and Errors may be sufficient to tell the world, that M. Lilly hath most foolishly betrayd his owne Ignorance, Pride, and Malice.

For, would any man but a *Foole*, and one overgrowne with *Envy* and *Insolence*, undertake to correct another Mans Writing, (and that too upon a disputable and uncertaine foundation) that is not first assured of his owne sufficiency to performe it, and that in such insolent and opprobrious Termes?


But I will not rub him too hard (for he is tender Skinn'd.) The Gentleman may doe well, if he were not too Proud to learne. I could wish, he would apply himselfe to *Doctor Fake* or M. *Pake-man*; they would doe him much good in short time: And I shall be glad to heare of his improvement; but if he shall persist in his Pride and Ignorance, he shall give me leave to laugh at his Folly.

And thus much for M. Lilly. As for M. *Booker*, I shall take occasion to Catechise him elsewhere.

Wharton. 1647.

Of the Eclipses this Yeere,

1647.

 Here will be three Eclipses this yeere, Two of the Sun, and one of the Moone, but neither of the Sun will be visible in England, &c. Only that of the Moone, which is but a small one, may be observed by our Europeans if the Aire be cleare. This happeneth upon the Tenth day of January, and in this our Meridian of *Torke* at *12 a clock*, 16. min. and 39. sec. at night, for at that moment is the Middle, or True Opposition of this Eclipse.

The beginning will be at 7. 59. 43.

The end at 10. 23. 20.

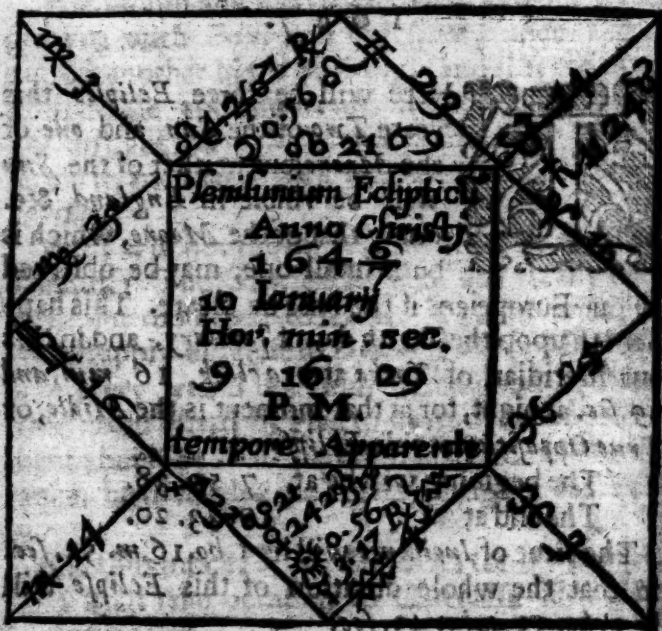
The time of Incidence will be 1. ho. 16. m. 51. sec. so that the whole duration of this Eclipse will be 2. ho. 33. min. 42. sec.

The Digits Eclipsed being only 4. 47. m. 42. sec. And the Luminary Eclipsed in 0. degr. 36. min. of *E.*

To such People as live in the Longitude of 54. degr. 23. min. This Eclipse will appeare in their very Meridian, or Noonstead: viz. In *nubia* *rigione* *Africa*, in *Phoenicia* *Metropoli* *Arabia*, in *Insula* *Greta* & *Cypro*, &c.

A Prognostication.

A small Eclipse of the Moone the
10. of Jan. 1647.



Mercury is Lord of this Eclipse: He is in Opposition to the place Eclipsed, **Comet** and **Retrograde Saturn** is in the 9. House in a hatefull square to **Jupiter** and **Mars**, who are both **Retrograde**, very neare to **Conjunction** in the Cuspe of the 11. house, within 4. degr. of the Eclipse. The **Dre-**
gons

gous head fortunates the 10. House in the intercepted signe Cancer.

From these Positions, we may expect lofty Winds, and very ill weather (about this time) for many dayes together.

The Eclipse portends *Thefts, Robberies, and Pyratieall Invasions.* In *Morbis vero, Difficiles respiraciones, morbos ficos, febres Quotidianos, sus-*
ses, anhelaciones, Phthisis. In *Ceremoniis, re-*
ligione, institutis, ac legibus, mutationes affert.
 God preserve us from an Earth-quake: yet this is but a small defect, and I hope the Effects will be answerable, for *Parva Eclipses parum nocent, & in paucis operantur.*

I will not meddle with the other Eclipses of the Sun, which are not visible to us. For, although M. Lilly's Opinion be otherwise, I am certain the Opinion of *Cardan, Campanella, Junctianus, Origanus, Ranzovius, Rhemetius,* and of many more, is positively, That Eclipses are not hurtfull at all to those Regions, or Cities, where they are not seen: He give you only the words of *Campanella, lib. 2. Ars. 2. Quoad locum dicimus affici Provinciam, quæ loco Eclipsis subest, & civitatem quæ signo subest, aut configuratur ejus apbta vel Horoscopus, itemve medium Cæli gubernatorio, vel Principio civitatis vel Provincia præfensum in Solaribus Eclipsibus, & ibi solum, ubi apparet super Terra-*

rum. (not to all) *nam si in provincia, & in civitate, & in medio Cæli gubernatorio, & in Principio civitatis vel Provincia præfensum in Solaribus Eclipsibus, & ibi solum, ubi apparet super Terra-*

A Prognostication.

Of this Yeares Revolution.

1647.



Saturn, the Sun, and Venus, are his Majesties Significators.

The Ascendent and the Moon, are Significators of the Parliament and People: He make no distinction: They ought both to be Subjects.

The Planet Saturne is in Taurus (the Ascendant of Ireland) where though he be Essentially weak and

and infortunate, as being *Peregrine*, *occidental* of the *Sun*, and nere unto *Conjunction* with *Caput Algol*. Yet he is accidentally strong, because he is *Angular*, *Direct*, *swift* in *Motion*, free from *Combustion*, and *Rais* of the *Sun*, which yeeld him 16. testimonies of strength, exceeding the number of his *Debilities* by 4. whereby he is indifferent strong and fortunate.

Haly saith, *Saturnus in 10. fortunatus, subditis bonum statum sub magistratu nunciat, bendq; facient Reges & Principes. Saturne fortunata in the 10. House foretelleth the poore Subjects a good condition or state under the Magistrate; and that Kings and Princes shall doe righteous things. This I am confident will be indeavoured on His Majesties part: God grant the Great men (I may call them Kings) at Westminster will but doe the like.*

The *Sun* is strong and fortunate, in that his *Fortitudes* exceed the number of his *Debilities* by 10. he is free from the *Malevolents*, and in *Conjunction* with *Venus*.

Quando Sol fuerit firmus in Revolutione, ac saluus, ornantur Reges, & Nobiles, & alii homines, & quamplures homines perveniunt ad dominium, & nobilitatem, & illi qui ad hoc apti fuerint exaltantur.

When the *Sun* shall be strong and safe in the *Revolution*, *Kings* and *Nobles*, and *Men* of *Eminencie* shall be adorned; and very many men shall as-

A. Prognostication.

aim to Rule, and nobility: And such as are capable of Honour shall be exalted.

I hope there are but a few of our *Excise* and *Commission Men*, can claime any share here. Nor many of our Great ones sometimes *Kings in Oxen*. Nor any other of our *Governors*, who have *Commandly* or *Covetously* (however *perfidiously*) betrayed His *Majesties* trust, under what pretence soever: I remember how the Noble *Governor of Wallingford* was envied and spurn'd at by some great ones in *Oxen*. especially by him of the *Spanish Garbe*, inasmuch, that it was generally reported he would betray the *Castle and Towne of Wallingford*: But it hath since appeared (to his *Honour* be it spoken) that his *Intentions* were sincere, and his *Actions* farre more *Honourable*, then theirs who were his enemies. But I have knowne so much of the Court, that I never yet knew any man who was of knowne worth and cleare intentions, but he was despised, clouded, and still neglected by the *Parasiticall Faction*. God preserve all honest men from them.

Aut cum quisque mediocritatem

Diligis, tuum caret esoloti

Sordibus tacti, caret invidanda

Sobria aula.

He, who affects the golden Meane,

Lives safe from Cottages uncleane:

And

And (sober) doth as much despise
In Rave-breeding Courts to rise.

Venus (the other *Significatrix* of His Majesty) is in 7. degr. 57. min. of *Aries*, the place of her *Detriment*, where she is likewise *Subradis Solis*, and those are all her misfortunes: For she is free from *Combustion*, having past the Sun b. 57. min. more then the *Modesty* of her *Orbe*, *Direct* and *Swift* in Motion, in her *Terms*, in the 9. *House*, and *Occidental* of the *Sun*: So that her testimonies of Strength exceed her Debilities by 8. rendring her fortunate and powerfull to effect what she portendeth.

Si quando Dominus decima domus fuerit fortunatus, significat prosperitatem & potentiam Officialium, & Propositionem Regis, & negotia ejus.
Haly, pag. 359.

If the Lord of the tenth House be fortunate, it signifies good fortune and authority to Officials, and other of the Kings Head Officers, and that the King shall prosper in his Affaires.

Venus in nona domo significat quod iter a cruce in illo anno bona, & sine periculo.

Venus in the ninth, fore-sheweth that His Majesties journeys shall be happy, and free from danger.
Haly, pag. 372.

The *Ascendent* of this Yeeres Revolution, is *Aes*, a Signe of the *Fiery Triplicity*, which is hot and dry, cholericke, bitter, &c. resembling in Qua-

A Prognostication.

lity the *House of Commons*, (especially when they disgust the Proceedings of the *Lords*) who are all (in this case) signified by it.

Saturne in *Taurus* casts a *Quartile Aspect* to it, they are neare of a contrary nature. God send a better Concurrence betwixt His Majesty and His Subjects.

The *Moone* (the other *Significatrix* of the *Parliament* and *People*) is strong in the second House: She is but newly separated from a *Sextile* with *Mars*, and comes immediately to the *Sextile* of *Jupiter*, Lord of the 8. House, who is in *Conjunction* with *Mars* in the 11. House, where likewise the *Dragons head* is fortunately seated. Moreover, she is *Anni Domina*, Lady, or Principall Governesse of the *Yeare*.

Quando Luna fuerit Anni Domina, & potens, & in bono loco, & libera ab infortuniis, significat multas pluvias & utiles in aptis temporibus, & homines sani erunt, & paucorum infirmitatum, & habebunt largas vias, & cibaria multa, & erunt in suis delis veridici: Quia homines tunc bonum habebunt ex parte regum, & pluvias aptis temporibus. Haly, pag. 368.

When the *Moone* shall be Lady of the *Yeare*, and Powerfull, in a good place (of the *Figure*) and free from the infortunes, she portends many fertile showers in seasonable times, and that men shall be healthfull, and of few infirmities; And shall be long-liv'd, have great store of Provision, and be spea-
kers

kers of the truth. Because men shall then have benefit from Kings, Princes, and other great Persons, and fertile showers in seasonable times. See more in *Haly*, pag. 372. of the *Moones* being in the 3. House, and of her Application to *Jupiter*, pag. 359. And of her Application to the Conjunction of *Venus* in the *Conjunction Preventivall*. *Haly*, pag. 365.

But the *Moon* comes speedily to Opposition with the *Sun* and *Venus*, two of His Majesties Significators. This argues no effectuall concurrence betwixt His Majesty and the *States*: They thinke His Majesties Condition irrecoverably low, and themselves too strong to be dealt with.

*Quò quò scelesti ruitis? aut cur dextris
Apertur enses conditi?*

But what (may every man say) shall we yet groane under the miseries of an unnaturall *Civill Warre*, and see no end thereof? Shall we never have peace? Yes, we shall in part, but not fully this yeare: We may have a glimpse thereof at home, but what occasions we may have abroad, God onely knowes: I verily beleeve, that from this yeare, *England* will begin to flourish againe; but to say we shall have a firme, on settled Peace this or the next yeare, I dare not. *Ireland* is strong, and not likely to be subdued so soone and easily as *M. Booker* thinks: nor are they in *Ireland* like to suffer

A Prognostication.

suffer so much as *M. Booker* speaks of, in his *Bleedy Irish Almanack*. The Warres ended not with the surrender of *Oxen*, &c. *Jupiter* is the Author of Peace and Justice; *Mars* of Warres and Seditious. If both of them were equally fortify'd, I should confidently look for a speedy and happy union betwixt His Majesty and his Subjects by way of Composition. Or, if *Jupiter* were dignified, and *Mars* dejected, I should have ground to pronounce and expect a speedy conclusion of Peace, but 't is otherwise; for although *Jupiter* be in his *Exaltation*, in the 11. House, and free from *Combustion*; yet he is there *Retrograde*, slow in motion, in *Conjunction* with *Mars*, and *Occidental* of the *Sunne*, whereby his Debilities surmount the number of his Fortitudes by 2. And *Mars* is strongest save one in the Figure. The Moone her Sextile to them, sheweth but an inclination to, and a desire of Peace, by some well-minded people, that have not so many private and sinister ends, as some others have by the continuance of the Warre.

Mars is in a Moveable Signe in *Conjunction* with *Jupiter*, and not far from the *Dragons head*.

This (according to *Haly*, Pag. 360, 361, 362, and 379,) shews preparation for War, great contention and strife, and a losse of many gallant Officers, and famous men. That Cattell shall be very deare: That there shall be many Suits in Law, and much Thunder and Lightning, and fiery Impressions, &c.

Heare

Hearo likewise what *Origanus* saith, pag. 518. *Si fuerit Mars solus, vel cum aliis non prorsus excelsus à dominio, significabit bella & seditiones, &c.* If *Mars* (in the yeares Revolution) beare any sway, either alone, or with other Planets, he forshoweth Wars, and Seditions: For this Planet excitech men to choler; so that for every trifle, they break out into anger, contentions, reproachfull language, and warring one with another.

And a little after he quoteth *Haly*, Part 1. c. 4. *Quando Mars est in Angulis, & succedentibus, vel receptus ab Angulis in Revolutione Annorum Mundi, tum in illo anno bella futura demonstrat ex conditione loci in quo est:* which is thus much in effect: When *Mars* (in any yeares Revolution) is angular, or in a succedent House, or received from an Angle (in any such case) he forshoweth Wars to happen in that yeare: (But whence shall this proceed?) *Haly* tells us (more fully in another place) *Anatura signi in quo versatur Mars: From the condition, or nature of the signe (and house) wherein Mars is.* Now *Mars* is in a succedent house, and in the 11. from the Ascendent, in Cancer, the Ascendent of Scotland: whereby it appeareth that this Warre is continued by the Parliaments Friends and confederates, for, or concerning some, Wealth, Treasure or Estate, belonging to the King, and signified by the 11. house, which is the 2. from the Medium Celi. More I will not say in this particular.

Quando Mars firmus fuerit in Revolutione, &
ha-

A Prognostication.

Subderit partem in Anno, significat quod Gens illius Climatis vincens, & se vindicabunt de suis inimicis, & magis valebunt quam ipsi. Pag. 366. When Mars shall be firme (or fortunate) in the Revolution; and participate in Rule (with the Lord of the yeare) it signifies that the People of that Climate shall overcome and be Revenged of their Enemies, and be victors over them.

As *Jupiter* is Lord of the fifth house and *Retrograde*; and in Opposition to *Capricorne* the sign intercepted in the fifth House, where also the *Dragons Tayle* afflicteth: It is an evident testimony of many dangerous and Painfull Births, which is further confirmed by reason of *Venus* her Conjunction with the Sun. *Quum Venus jungitur cum Sole, significat quod accidet damnum & labor pregnantibus. Haly, Pag. 394.*

In this yeares Revolution, *Mercury* hath signification of the substance both of the King and Parliament; as being Lord both of the 11. and 2. house from the Ascendent: And indeed it falls out very fitly, that one Planet should be significator of both, since the Parliament injoy both His and their own substance: The times were farre better, when there was a more equall division.

Howbeit *Mercury* is very weake in the 8. house, and so is *Jupiter* his dispositor, being *Retrograde*: yet there is a Mystery in *Mercury* his Sextile to *Saturn*; what that means alit dijudicent. I beleve neither King nor Parliament will have more Moneys then

Wharton. 1647.

then they have use for: And the Kingdome looks to have an account: Had *King Charles* but had halfe the Moneys which some (on both sides) have diverted to their owne Private use (which they never intend to give the King or Kingdome any just accompt of) *New-England* and *Amsterdam* had beene farre more populous then now they are, tis only this and a wicked desire still, to enrich themselves more and more by the poore deluded people that make them so averse to peace.

The infortunate Condition of *Jupiter*, and the like Position of *Mercury* in the 8. house, in his *Detriment* and *Fall*; speakes a great deale of hardship yet to befall the Honest *Bishops* and some others of the *Religious Clergie*, *Judges*, *Advocates*, *Orators*, *Philosophers*, and others signified by *Jupiter* and *Mercury*: and that some of them shall be in danger of *Death*: But this I hope may be mitigated by reason of the *Dragons head* being in the 11. house, not farre from *Jupiter*. *Quod facis Deus.*

And thus much doe the Heavens premonstrate unto us, according to the course of Nature: wherein I have used all candor and impartialitie: You see both signifiers of *King* and *Parliament*, are very Powerfull: I wish them quickly and cordially united, that they may imploy their Power elsewhere; or if yet they cannot be thoroughly reconciled, however to have an Eye of forraigne forces, which otherwise may ruine both: I cannot see any probable

A Prognostication.

probable testimony of a safe and well-grounded peace:
But I shall leave every man to make his own application; and yet what the event may be, none but the Great God of Nature knoweth: For so it is that God seeing this curious inclination of us, mortall creatures, to pry so farre into his secreties, hath ban'd us with ignorance of some things, with uncertainty of others: so that yet never man breathing upon the face of this mortall Globe, could ever attaine the certaine and perfect knowledge of the Motions, much lesse of the Influences of the Celestiall Orbes and Luminaries: For although it cannot well be denyed, but that *Mundus superior unicus est mundo inferiori*: And that the celestiall Constellations doe powre out their influences and workes upon these inferior bodies, yet all things are enveloped, with a curtaine of secrecy, and that some knowledge that man hath is uncertaine, and he seeth these things, but as in a mist: And reason tells us as much: for how can wee finde out the true time and nature of the influence of the Heavens and celestiall orbes, when as yet no man ever attained to the exact knowledge of their motion, scite, and Aspects? Let us but consider the *Alphon sine Tables*, and compare them with the *Ptolemaicks*: and in the very ground of their computation there is 14. houres difference in the Sun's motion. Again, let us compare the calculation of the *Ptolemaicks* after the Doctrine of never sufficiently prayesd *Copernicus*, with the grounds

grounds of that Phoenix of Astronomy *Tycho Brahe*, who was *nobilis oris, artis, et ingenio*; and there is 6. houres difference in the *Sun's* motion. And *Gemma Frisius* hath observed, that the true motion of *Mars* doth many times differ from the motions, calculated by the Tables, 2. degr. 30. min. as he found out by demonstrative observations. The Tables of *Lansberge* so much esteemed of by many, are very defective, as witnessed the last *Great Conjunction* of *Saturn* and *Jupiter*, at which time (as also at severall other *Conjunctions* of the Planets) I observed too manifest Errors in them: although it is not to be denied, but that *Lansberge* hath indoevoured as much as any man to restore Astronomy: And I could wish all Students in Astronomy would follow his example: yet his Introduction to the use of his Tables, is very erroneously Printed, which hath puzzled, and much deceived and discouraged many of our *Tyros*.

The best Tables I now know are the *Rudolphine*, and *Prutenick Tables*, as being most agreeable to observation; and yet neither of them agree exactly with the heavens: So that it is not to be denied, but that all our Tables yet extant, have not attained the exact motion of the Planets, and so these *Ephemerides*, calculated by these Tables, are not absolutely true.

The causes why *Astronomers* have not attained to exactness in placing the *Fixed Stars*, both according to *Longit.* and *Latitude*, plainly appeareth

by

A Prognostication.

by that which *Tycho Brahe* hath delivered, cap. 2. *Prognostica*, and more particularly, he sheweth the reasons why *Copernicus* erred, notwithstanding his great skill, and admirable dexterity and apprehension, (for, *aliquando bonus dormitat Homerus*) both in the Eccentricity and place of the *Apotheum* of the *Sun*: and so by consequence in the whole course of the motion of that Planet, whose motion of all others is most regular, and easiest to be observed. For,

1. He mistook the Elevation of the Pole for that place wherein he was, assuming it lesse then indeed it was by 2. m. 45. sec. as *Tycho* afterwards made tryall: so that he failed as much in the true declination of the *Sun*: and so varied the true ingresse of the *Sun* into the *Solstitial* points, at least 7. ho. and an halfe of time.

2. In regard he made the obliquity of the *Zodiack* 3. min. and more, too little, for by his Rules and Tables, it is but 23. deg. 28. m. and something more: but since it hath been found by others to be 23. deg. 31. m. 30. sec. although the latest Observers of our Nation approve of 23. deg. and an halfe, to which those most excellent and usefull Tables of *Regiomontanus* are exactly calculated.

3. He observed not exactly the *Parallax* and *Refraction* of the *Sun*, in such an oblique Horizon, as *Copernicus* lived in, (the Pole being mounted 54. deg. at least) that it altered at the least 13. min. in *Longitude*, which is the motion of 5. ho. and an halfe.

I might shew likewise how *Copernicus* failed in the true motion of the 8. *Sphere*, and *Precession* of the *Aequinoctiall*, whose Tables doe now differ much from exactnesse of truth: And as in these, so in the motion of all the other Orbes and *Luminaries*, experience doth shew, that there be many errors, which although at first they were so little, that they were not sensible, yet tract of time hath discovered them palpably: And I doubt not, but those that shall live in another Age, will find errors in the exactest Observations of our best *Astronomers*, and reforme them, as they have reformed those which lived in the last Age.

Felix qui potuit rerum cognoscere causas.

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